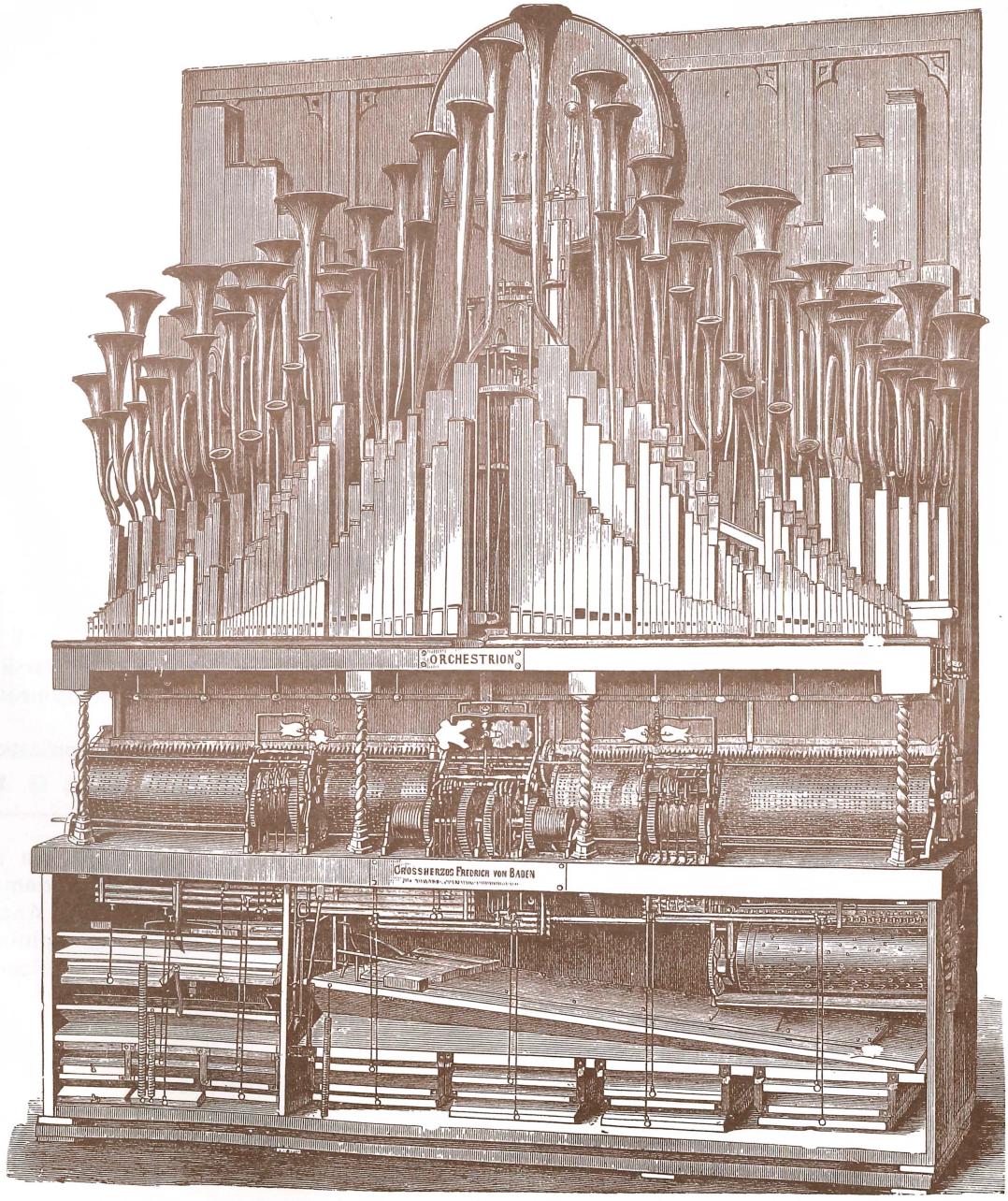
THE SEED
November 1986
Vol. 8 No. 11
NEWSLETTER FOR APPLE PEOPLE

DENVER APPLE PI

What's Inside the GS Sound Chip



denver apple pi Seed

P.O. BOX 17467
DENVER, COLORADO 80217

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Secretary & Editor .....Randall Ansley
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Sales Officer .....Chris Saxon
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MEMBERSHIP INFORMATION

APPLE PI is an Apple Computer Users Group - not affiliated with Apple Computer, Inc. - that provides many member benefits, some of which are:

MONTHLY MEETINGS - On the first Thursday of each month at 7:00 p.m. APPLE PI holds its general meeting at the Green Center, Colorado School of Mines Campus, Golden, Colorado. This meeting is a combination of an informational meeting, new product announcements, and a short business meeting. The members are given an opportunity to buy computer supplies a little above cost. Software products are given away as door prizes.

On the Sunday following the general meeting there is an informal meet which is usually held at the Clear Creek Office Park, 4251 Kipling, in Wheat Ridge. This meeting is from 10:00 a.m. until 3:00 p.m. and provides a more informal environment to seek or give advice to fellow members and get copies of programs from the APPLE PI Library. Both of these meetings are open to the general public but only members have access to the club library and products that are sold.

PROGRAM LIBRARY - APPLE PI currently has a library of 9,000 programs. All current disks are in 16 sector (3.3, Pascal, CP/M) format and are available to any member. APPLE PI Members can obtain copies from the library:

1) By coming to the monthly informal meeting (swap meet);
2) By written request to the club librarian (at any meeting or by mail);
3) By electronic mail on APPLE PI's bulletin board system:

DISK OF THE MONTH - Each month a collection of some of the best programs donated to APPLE PI during the preceding month are made available. The DOM can be purchased at any group meeting or by mail.

DUES - Current membership dues are **$18.00** per year, with a one-time application fee of **$10.00.** Checks should be made payable to DENVER APPLE PI.

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1/4 Page	$ 25.00
1/2 Page	$ 40.00
Full Page	$ 70.00

LIBRARIAN'S REPORT

The November DOM is a special hybrid disk which is formatted for both DOS and ProDOS. Roughly the first half the disk is ProDOS and the last half DOS. The DOM boots into ProDOS and displays a program menu. On that menu is the DOS.SYSTEM program which will switch to DOS and display a menu of the DOS programs. On that menu is the ProDOS.SYSTEM binary file which will switch back to ProDOS. This disk can be copied only with a full disk type copy program. A file copy will only find the files that match the operating system. The disk works because DOS and ProDOS store their catalogs on different tracks and because space can be marked as used under both systems. You can make such a disk yourself if you have access to a disk zap program that preferably copies full tracks.

The disk label below lists the contents of the November DOM including both operating systems. Squirt is the feature program and is shareware from Steve Stephenson. It installs a replacement Quit command into ProDOS that provides menu choice selections instead of the cryptic standard messages. The program is a must if you use ProDOS and has a requested price of $7.50. I have already sent my check and shame on anyone who uses it without paying.

Denver Apple Pi's Disk of the Month

#076 NOV 1986 DOM

MENU	PRODOS.SYSTEM	SHARK BAIT
LOWER.CASE.FOR.DOS	DOS.SYSTEM	MENU.PRODOS
EXERCISER	BLOCK.CONVERT	SQUIRT.SYSTEM
CHANGE.STARTUP	SQUIRT.INSTRUCT	

Change.startup will change the ProDOS startup program name to any valid 7 digit or less name. It has been used on the DOM, notice there is no 'startup' file! Instead, Menu is the startup. Block.convert is a utility from Val Golding that correlates ProDOS Block numbers to the appropriate DOS track and sector numbers. Finally, Exerciser is an MLI demo and tutorial program which will quickly teach you the syntax for MLI calls.

Shark Bait, on the DOS part of the DOM is another excellent arcade game created with Broderbund's Arcade Machine. It has excellent action, sound, color and graphics. Lower.case.for.dos does just that, it allows the use of lower case in DOS commands. Used on a //c or enhanced IIe, you can forget about the caps lock key as the new monitor and Applesoft on those machines accept lower case automatically also.

The back of this month's DOM contains a copy of the latest ProDOS system utilities. This version works on c's and e's and has some fantastic new features. All functions are menu driven and the utilities are vastly easier to use than the old ProDOS Users Disk. Even if you do not use ProDOS, the new system utilities offer universal file transfers between all Apple operating system formats.

Copies made in October were up even more at 141 and we also sold about 35 DOM's. As a special for the November general meeting, we now have the print shop graphics library completed. We will be offering the disks at $10.00 for the set of 5 double sided disks with 835 graphics. Or, if you want, you can buy them individually at $2.00 per disk. Either way, a pictorial reference guide to the set is included.

Elsewhere in the Seed, please note the descriptions of the latest IAC Disks. In the Personal Domain library, we have added the following disks:

PD 33 Squirt. The complete ProDOS program selector as used on the November DOM

PD 34 ALFA-EZ. Bob Garth's current personal domain version of the Protree BBS System

PD 35 Squire. The financial Planning Simulation from Blue

Chip Software

PD 36 Print Shop Utility. From EEK Software. Utilities to enhance the use of Print Shop

PD 37 ProWriter Font Utility. A font downloader for the C.ITOH prowriter and possibly the Apple DMP and NEC machines.

As a final personal note, I regret to say December will be my last month as librarian. I have just received a transfer to New Orleans and will be leaving almost immediately. If anyone out there has always wanted this job then now is the time to say so! December and January DOM's are wrapped and I'll have you about 80 disks of software on trade to pick through for future DOM's.

See you at the General Meeting

Ed Thompson, Librarian

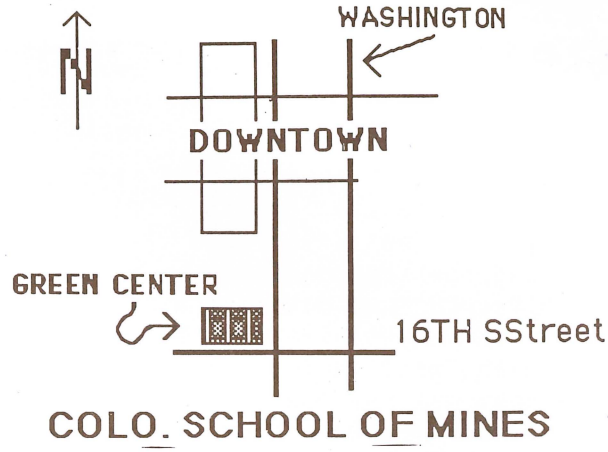
BBS PHONE NUMBER

422 - 3716

HOT LINE

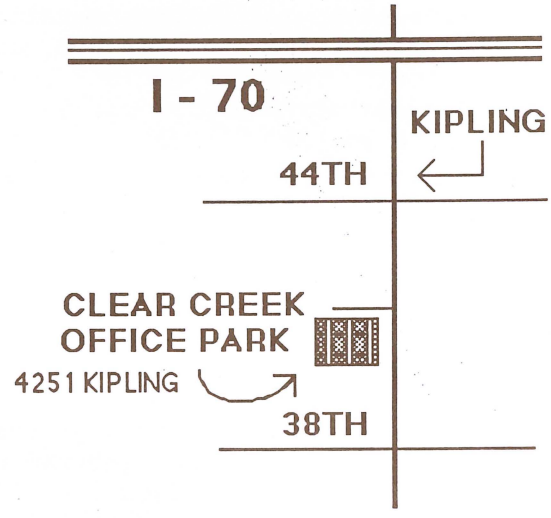
422 - 0005

GENERAL MEETING



COLO. SCHOOL OF MINES

CORE MEET



November Program

The November general meeting program will feature both the new IIGS and some new software written specifically for it. Making the presentation will be Robert Shaw from Styleware. This new software will include a color MacPaint program, a 65816 version of Multiscribe, and other software not yet announced.

For all of us who don't have the IIGS yet, the latest IIe/c versions of the same software will also be demonstrated.

Come on out and see the new IIGS machine put through its paces with the most powerful software ever written for the Apple II series!

INTERNATIONAL APPLE CORE

Apple // PD Software

DISK OF THE MONTH LIBRARY

IAC DOM #54 DB SENIOR

The most powerful of the database programs to be found in the public domain. Besides creating and altering data files, you can append and merge two database files. An excellent update facility is included. Fast, machine language search and sort functions are available. The most unusual feature in the 'DB Calc' utility enables you to perform mathematical manipulations on one or more fields, and put the result in another field. The top of the display screen acts as a 'help' function. The database is memory resident; thus, a single database may contain about 38,000 characters enough for most home and hobby users.

IAC DOM #55 PRODOS UTILITIES.

A varity of utilities.

IAC DOM #56 SOFTGRAPH.

Contains various graph capabilities, a disk utility sort catalog, and Integer Basic programs among other goodies.

IAC DOM #57 FIRE GROUND.

This is a double-sided disk. It's an arcade style game which requires that you find your way through a maze before you have the privilege of fighting the fire. Several levels of difficulty are available.

IAC DOM #58

This is a Print Shop graphics disk. The disk contains 36 Apple user created graphic designs ready to use with Broderbund's Print Shop Program. The Print Shop Program allows you to create cards, signs, letterhead, banners etc.

IAC DOM #59 APPLEWORKS SPREADSHEET DISK.

This disk contains a number of spreadsheet applications. These applications all require that the user have AppleWorks.

IAC DOM #60 PRINT SHOP GRAPHICS AND SLIDE SHOW.

This is a double-sided disk. Side one is a collection of fifty-one graphics formated to be used with Print Shop by Broderbund Software. The back side of this disk is a graphic slide show. PrintShop is required to run this disk.

IAC DOM #61 ALFA-EZ

Bulletin Board Software. The latest public domain bulletin board software for the Apple // computers. ALFA-EZ comes with a utility disk, and system running modules. The system is run under ProDOS so it is best used on a hard disk, even though it will work with two disk drives. The system is very easy to run and operate and can be set up and running in one day.

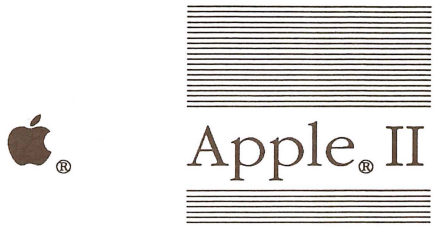
IAC DOM #62 HI-RES PICTURE FILER.

The purpose of the ProDOS formatted Hi-Res picture Filer program is to make the viewing and filing of hi-res pictures on disk easily done from one program. The program allows locking, unlocking, renaming, and deleting of files. A file can be copied from one disk to another with or without deleting the original file--useful for organizing a library of pictures. Documentation is included. HGR Filer runs on an Apple //e, //c, 64K Apple //plus.

IAC DOM #63 IMAGEWORKS

This ProDOS disk consists of routines to edit and download fonts to the Imagewriter printer, such that you can select the appearance of the print which is used by the Imagewriter. This Imageworks disk also sports a demostration mode, which allows you to view any of the disk's 45 different fonts on your monitor or printer, to assist in their selection.

REPRINTED FROM IAC EXPRESS...VOL.3 NO.3...DISKS AVAILABLE IN PI LIBRARY



Compatibility Guide

Software Programs

Product	Company	IIe	IIc	IIGS	Comments
Access II	Apple Computer	X	X	CF	1.1; IIGS needs SS card
Adv. Business Accountant (GL- Sys. Man.)	Manzanita Software	X	X	C	4.00
Algebra 1-6, Volume 1	Edu-Ware	X	X	X	1.7
Algebra 1-6, Volume 2	Edu-Ware	X	X	X	1982- 83
Algebra 1-6, Volume 3	Edu-Ware	X	X	X	1983
Algebra 1-6, Volume 4	Edu-Ware	X	X	X	1982- 83
Algebra 1-6, Volume 5	Edu-Ware	X	X	X	1983
Algebra 4	Edu-Ware		X		1.0
Algebra Arcade	Wadsworth Electronic	X	X	X	1983
Alien Action	DLM	X	X	X	1984
Alien Addition	DLM	X	X	X	1985
Alligator Alley	DLM	X	X	X	1984
Alligator Mix	DLM	X	X	X	1985
Alphabet Zoo	Spinnaker	X	X	X	1983
Alphabetic Keyboarding	Southwestern	X		X	
Amazon	Telarium	X	X	C	1984
Anagrams Hispanomericanos	Gessler Educational Software	X		X	
Animal Photo Fun	DLM	X	X	X	1985
Annam	Educational Activities	X	X	X	1983
Apple II Instant Pascal	Apple Computer	X	X	X	1.0
Apple II Pascal 1.1	Apple Computer	X		C	
Apple II Pascal 1.3	Apple Computer	X	X	C	
Apple II QuickFile	Apple Computer	X	X	C	1982
Apple at Play	Apple Computer	X	X	ATFC	1984
Apple at Work 40/80	Apple Computer	X	X	C	1984
Apple Education Classics	Apple Computer	X	X	ACT	1980
Apple FORTRAN	Apple Computer	X	X	C	
Apple Logo II (128k)	Apple Computer	X	X	C	1984
Apple Logo (64K)	Apple Computer	X	X	C	1982
Apple Logo Classroom Kit	Apple Computer		X		1983
Apple Presents Apple Logo II	Apple Computer	X		C	
Apple Super Co-PILOT	Apple Computer	X	X	C	1982

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W Doesn't work with mouse; works with keyboard
X Product works as defined in documentation
Z Product doesn't work
40 40 column only

Product	Company	IIe	IIc	IIGS	Comments
Apple SuperPILOT Log	Apple Computer	X	X	C	
Apple Term	Apple Computer		X		1.5
AppleWriter™ II (ProDOS) with Tutorial	Apple Computer	X	X	C	2.0
AppleWorks™ 1.3	Apple Computer	X	X	C	1.3
AppleWorks 2.0	Apple Computer	X	X	X	2.0
Arcade Machine	Broderbund	X	X	C	1983
ASCII Express (ProDOS)	United Software	X	X	X	4.30P; IIGS needs SS Card
Astronomy: Stars for all Seasons	Educational Activities	X	X	G	
Back to Basics Accounting System	Peachtree Software	X	X	X	1.00; IIGS won't accept Unidisk 3.5
Backup II	Apple Computer	X		C	
Bank Street Speller	Scholastic	X	X	X	1984
Bank Street Storybook	Mindscape Software		X		1984
Bank Street Writer	Broderbund	X	X	40 D	
Baron	Blue Chip Software	X	X	X	2.1
BASIC Programming with ProDOS	Apple Computer	X		C	
Blazing Paddles	Baudville		X		1984
Body in Focus	CBS	X	X	K	
BPI Accounts Payable	BPI Systems	X	X	C	2.2.1
BPI Accounts Receivable	BPI Systems	X	X	C	2.2.1
BPI Business Analyst	BPI Systems	X	X	C	2.2.1
BPI General Accounting	BPI Systems	X	X	C	2.2.1
BPI Inventory Control	BPI Systems	X	X	C	2.2.1
BPI Payroll	BPI Systems	X	X	C	2.2.1
Build-A-Book About You	Scarborough Systems	X	X	X	1985
Bumble Games	The Learning Company	X	X	Z	1980- 81
Bumble Plot	The Learning Company	X	X	X	1982
Business Works (GL-Inventory-AP	Manzanita Software	X	X	C	5.00
Capitalization Plus	Microcomputer Workshops	X	X	X	48K
Cartels and Cutthroats	Strategic Simulations	X	X	X	1.1
Catalyst 3.0	Quark	X	X	U	3.0
Cavern Creatures	Data Most	X		X	1983
Charles Goren: Bridge Made Easy	CBS	X	X	X	1983
Charlie Brown's ABC	Random House	X		X	1984
Chess 7.0	Odesta	X	X	Z	7.0
Choplifter	Broderbund	X		40	
Coast to Coast America	CBS	X	X	X	1984
Code Quest	Sunburst Communications	X		X	1983
Color Keys	Sunburst Communications	X		X	
Color Me	Mindscape Software		X		
Comp-U-Solve	Educational Activities	X	X	A	1983
Comparison Kitchen	DLM	X		X	
Computer SAT Preparation	Harcourt Brace Jovanovich	X		Z	3.1E
Create with Garfield	DLM	X		Z	1986
Cricket	Street Electronics		X		
Crossword Magic	Mindscape Software	X	X	X	1981
Crypto Cube	DesignWare	X	X	X	1983

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Product	Company	IIe	IIc	IIGS	Comments
Cut and Paste	Electronic Arts	X	W	Z	1983
DazzleDraw	Broderbund	X	X	Z	1984
Diagnostics: IIc & IIGS	Apple Computer		X	X	1.0
Dinosaur Dig	CBS	X	X	K	1984
Dollars and Sense	Monogram	X	W	K	III.15
DOS 3.3 System Master	Apple Computer	X	X	X	
DOS Programmer's Toolkit	Apple Computer		X		
Dragon Mix	DLM	X	X	X	1982
Early Games for Young Children	Springboard	X		X	1984
Ernie's Quiz	CTW	X	X	AFT	1981
Elementary, My Dear Apple	Apple Computer		X		
Elementary Volume 1: Mathematics	MECC	X	X	X	3.5.
Elementary Volume 4: Mathematics	MECC	X		X	
English Achievement I	Microcomputer Workshops	X	X	X	48K
English Achievement II	Microcomputer Workshops	X	X	X	48K
English Achievement III	Microcomputer Workshops	X	X	X	48K
English Achievement IV	Microcomputer Workshops	X	X	X	
English Achievement V	Microcomputer Workshops	X	X	X	48K
Explorer Metros: A Metric Adventure	Sunburst Communications	X	X	X	1.0
Exploring Logo	Apple Computer	X	X	C	
Fact and Fiction Toolkit	Scholastic		Z		Program freezes at intro screen
Fahrenheit 451	Telarium	X		X	
FantaVision	Broderbund		X	X	
Fay: That Math Woman	Dida Tech Software	X		X	
Financial Cookbook	Electronic Arts		Z		Mouse problems
Fish Scales	DLM	X	X	X	1984
Flash Spell Helicopter	Microcomputer Workshops	X	X	N	
FlashCalc	Paladin Software	X	X	C	1.0
Flight Simulator II	SubLogic	X	X	40	1983
French Achievement I	Microcomputer Workshops	X	X	X	48K
French Achievement II	Microcomputer Workshops	X	X	X	48K
Galaxy Math Facts Game	Random House	X		X	
Game of the States	Milton Bradley	X	X	X	1984
Geometry Concepts	Ventura	X	X	X	1984
Gertrude's Puzzles	The Learning Company	X	X	X	1984
Gertrude's Secrets	The Learning Company	X	X	X	1.2
Getting Down to BASIC	Apple Computer	X	X	C	1984
Golf Classic and Compubar	Edufun (Milliken)	X	X		1982
Grammar Examiner	DesignWare	X	X	X	1984
Grandma's House	Spinnaker	X	Z	X	Will not boot
Graphics Exhibitor	Koala Technologies	X	X	Z	1984
Graphics Magician	Penguin Software	X	X	X	1983
GraphWorks	PBI Software	X	X	C	1.3
Home Accountant Expanded	Continental Software	X	Z	X	

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How About a Nice Game of Chess	Odesta	X	X	Z	1983
Idea Invasion	DLM	X		X	
Instant Zoo	CTW	X	X	X	1981
Introduction to the IIc	Apple Computer		X		1984
Jane	Arktronics Corp.	X		40 N	1983
Jenny of the Prairie	Addison Wesley	X		X	1983
Juggles' Rainbow	The Learning Company	X	X	K	1982
Karel the Robot	Cybertronics Int'l	X		C	1981
Kidwriter	Spinnaker	X	X	X	1984
Koala Pad / Koala Painter	Koala Technologies	X	X	N	1983
Krell Logo	Krell Software	X	X	X	B- 1981- 1985
La Corrida de Toros	Gessler Educational Software	X		X	
La Guillotine	Gessler Educational Software	X		X	
Larry Bird & Julius Erving Go One-on-One	Electronic Arts	X	X	Z	1983
Latin Hangman	George Earl	X		Z	1983
LISA V 2.6: Lazer's Interactive Symbolic Assembler	Lazerware	X		X	
Lovejoy's Prep. for SAT	Simon and Schuster		X		
Magic Office System	Artsci	X	X	X	1984
Magic Spells	The Learning Company	X	X	X	2.0
Management Edge	Human Edge Software	X	X	X	
Mask Parade	Springboard	X	X	Z	1984
Master Match	Advanced Ideas	X		X	1983
Mastering the SAT	CBS	X	Z	X	1983 On IIc only, program doesn't run examination
Mastertype	Scarborough Systems	X		X	1.7
Mastertype	Scarborough Systems	X	X	X	2.1, 1984
Mastertype's Writing Wizard	Scarborough Systems		X		
Math Blaster!	Davidson & Associates	X	X	X	1983
Math Masters	Houghton Mifflin	X		X	
MegaWorks	Megahaus	X	X		1.1
Memory: A First Step	Sunburst Communications	X	X	X	1983
Memory Myth	Micro Power and Light	X	X	X	1980
Meteor Mission	DLM	X	X		
Meteor Multiplication	DLM	X	X	X	1984
Microtype PAWS	Southwestern	X	X	X	1.0
Microzine Vol 1: Number 1	Scholastic		X		1983
Microzine Vol 1: Number 2	Scholastic	X	X	X	1983
Microzine Vol 1: Number 3	Scholastic	X	X	X	1983
Microzine Vol 1: Number 4	Scholastic	X	X	X	1984
Millionaire	Blue Chip	X	X	X	2.1
Minus Mission	DLM	X	X	X	
Mix and Match	CTW	X	X	X	
MonkeyMath	Artwork Software	X		X	1983
Moptown	The Learning Company	X		X	1981
Moptown Hotel	The Learning Company	X	X	C	2.0
Moptown Parade	The Learning Company	X	Z	C	2.0 Freezes on Main Menu
Mouse Budget	International Solutions		X		

Product	Company	IIe	IIc	IIGS	Comments
MouseCalc	International Solutions	X	X	Z	1.1
MouseDesk	VersionSoft (International Solutions)	X	X	X	1.1
MousePaint™	Apple Computer	X	X	C	1.1
MouseWord	International Solutions	X	Z	Z	Intermittent freezes on IIc and IIGS
MouseWrite	Roger Wagner	X	X	N	1.5.7
Multiplan	Microsoft	X	X	X	
Muppet Learning Keys-Muppet Discovery Disk	Koala Technologies	X	X	N	
Murder by the Dozen	CBS	X		C	
Music Construction Set	Electronic Arts	X	X	X	1983
Oh, Deer!	MECC	X	X	X	1.1
Operation: Frog	Scholastic	X	X	X	1984
Ortho Personal Plant Selector	Ortho	X		Z	
Pascal Profile Manager	Apple Computer	X		C	
Personal Tax Planner	McGraw Hill		X		1984
PFS: Access	Software Publishing	X	X	Z	1984
PFS: File	Software Publishing	X	X	X	1984
PFS: Graph	Software Publishing	X	X	G	1984
PFS: Plan	Software Publishing	X	X	C	1985
PFS: Report	Software Publishing		X		1985
PFS: Write	Software Publishing	X		C	1984
Pic.Builder	Xerox Educational Pub.		X		1984
Pinball Construction Set	Electronic Arts	X	X	X	1983
Pinpoint	Pinpoint Publishing	X	X	Z	
Pinpoint Spelling Checker	Pinpoint Publishing	X	X	Z	
Poker Parat (German)	Gessler Educational Software	X		X	
Poker Pari (French)	Gessler Educational Software	X		X	
President Elect	Strategic Simulations	X	X	X	1.1, 1981
ProDOS Assembler Tools	Apple Computer	X	X	C	
ProDOS User's Disk	Apple Computer	X	Z		Identifies Apple IIc Memory Expansion Card incorrectly
Projectiles II	Vernier Software	X	X	X	1982-1983
Quicken	Intuit	X	X	Z	1985
Quizagon	Springboard	X	X	X	1984
Raster Blaster	Budge	Z	X	Z	1981
Reader Rabbit	The Learning Company	X	X	X	1.1
Remember!	DesignWare	X	X	X	1985
ReportWorks	Megahaus	X	X	X	
Robot Odyssey I	The Learning Company	X	Z	X	1.1
Robotwar	Muse Software	X	X	P	11/16/83
Rocky's Boots	The Learning Company	X	W	X	1982
Run Robot Run	Educational Teaching Aids	X		X	48K; DOS 3.3
SAT Preparation Course	Edu Tech		X		3.0
Sensible Speller IV (DOS 3.3)	Sensible Software	X	X	C	1984

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Product	Company	IIe	IIc	IIGS	Comments
Sensible Speller IV (ProDOS)	Sensible Software		X		1M
Skyfox	Electronic Arts	X		Z	1984
Songwriter	Scarborough Systems	X	X		1983
Space Math	Learning Well	X	X	X	1983
Spanish Achievement I	Microcomputer Workshops	X	X	X	48K
Spanish Grammar Review	Gessler Educational Software	X		X	
Speed Reader II	Davidson & Associates	X	X	X	1983
Spell It!	Davidson & Associates	X	X	X	1984
Spellicopter	DesignWare	X	X	X	1983
Spelling Wiz	DLM	X		X	
Spot Light	CTW	X	X	X	
Square Pairs	Scholastic	Z		Z	1983
Star Search	Earthware Computer Services	X	X	X	1983
State of the Art Accounting (GL)	State of the Art	X		X	1982
States and Traits	DesignWare	X	X	X	1984
Stickybear ABC	Xerox Educational Pub.	X	X	X	1982
Stickybear Basket Bounce	Xerox Educational Pub.	X	Z	X	Screen freezes
Stickybear Bop	Xerox Educational Pub.		X		
Stickybear Numbers	Xerox Educational Pub.		X		1982
Stickybear Opposites	Xerox Educational Pub.	X	X	X	1983
Stickybear Reading	Xerox Educational Pub.	X	X	X	1984
Stickybear Shapes	Xerox Educational Pub.	X	X	X	1983
Stickybear Town Builder	Xerox Educational Pub.	X	X	X	1985
Story Maker	Scholastic	X	W	D	1984
Story Maker	Sierra On-Line		W		
Story Tree	Scholastic	X		X	1984
Success With Math	CBS		X		
SuperCalc3a	Computer Associates	X	X	PG	1985
Survival Math: Simulations	Sunburst Communications	X		X	
Swyftcard	Information Appliance	X		CD40	1985
System Utilities 2.0, 2.1.2	Apple Computer	X	X	X	Doesn't see Apple IIc Memory Expansion Card to format, verify, etc.
Talk Back	Russ Systems	X	X	X	1.1
Teach Yourself Essentials of Accounting	Addison Wesley	X		C	
Terrapin Logo	Terrapin	X	X	CG	1.3
Terrapin Logo Utilities	Terrapin	X	X	X	
The Body Transparent	DesignWare	X	X	X	1985
The Factory	Sunburst Communications	X	X	X	1983
The Game Show	Advanced Ideas	X	X	Z	1982
The Great Maine to California Race	Hayden Software	X	X	X	1.0
The Incredible Laboratory	Sunburst Communications	X	X	X	1984
The Inside Story	Apple Computer	X	X	D	1984
The Newsroom	Springboard	X	Z	PC	1984
The Pond	Sunburst Communications	X		X	

A Works with Alternate Display Mode
C Compatible but unable to access the Control Panel from within the program
D Documentation differs
F Doesn't work with ADB mouse
G Display differences
K Keyboard overlay works only with upgrade keyboard
N Works in Normal speed only
P Doesn't print from port
T Text Page 2 doesn't work
U See manufacturer for upgrade
W Doesn't work with mouse; works with keyboard
X Product works as defined in documentation
Z Product doesn't work
40 40 column only

Product	Company	IIe	IIc	IIGS	Comments
The Print Shop	Broderbund	X	X	X	1984
The Secrets of Science Island	Grolier	X		C	1984
The Shell Games	Apple Computer		X		
The Visible Computer: 6502	Software Masters	X	X	X	1984
ThinkTank	Living Videotext	Z	X	Z	1983
ThinkWorks	Megahaus	X		Z	
Trains	Spinnaker	X	X	X	1984
Treasure Hunter	Grolier Electronic	X	X	X	
Triple Dump	Beagle Brothers	X	X	Z	1984
Turbo Pascal	Borland	X		NC	
Turtle Tracks	Scholastic	X	X	CG	1982
Typing Tutor III	Kriya Systems- Simon & Schuster	X	X	X	1984
Utility City	Beagle Brothers	X	X	Z	1984
Verb Viper	DLM	X		X	
Versaform	Applied Software	X	X	C	1981
Volcanoes	Earthware Computer Services	X	X	X	1981
Welcome Aboard! A Muppet Cruise to Computer Literacy	Broderbund	X		X	
Where in the World is Carmen Sandiego	Broderbund	X	X	X	1985
Wiz Works	DLM	X	X	X	1984
Wizard of Words	Advanced Ideas	X	X	X	1983
Word Attack!	Davidson & Associates	X	X	X	1983
Word Invasion	DLM	X		X	
Word Master	DLM	X		X	
Word Radar	DLM	X		X	
Word Spinner	The Learning Company	X	X	X	1984
X10 Powerhouse: Home Controller	Powerhouse	X	Z	X	
Your Personal New Worth	Scarborough Systems	X	X	A	
Zaxxon	Datasoft	X	X	40	1983
Zoom Grafix	Phoenix Software	X	X	PC	Second edition

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40 40 column only

Explanation of codes

The codes used in the compatibility listings are defined as follows:

40 Works only with Control Panel set to 40 column. The Control Panel comes set to 80 column. These programs require the Control Panel to be reset to 40 column before booting.

A Requires Alternate Display Mode. Text Page 2 is not present in the Apple IIGS. If the programs enables interrupts, Alternate Display Mode can be selected from the Desk Accessory menu. This sets up an area of memory to be used as the old text Page 2. Note: This Alternate Display Mode can cause the sound to be badly degraded.

C Compatible but unable to access the Control Panel from within the program. The program runs, but any Control Panel changes must be made before booting the software.

D Documentation problems. Manual or screen directions are no longer valid. For the Apple IIGS, the most common problem is because the Solid-Apple key was changed to the option key.

F Doesn't work with ADB (Apple DeskTop Bus) mouse. The program will work with the mouse-card mouse.

G Display differences. The improved graphics on the Apple IIGS causes some colors, especially blue, to be invisible. Users can try selecting different graphics settings (for example, color for a black and white monitor, monochrome for a color monitor) to improve the display.

H Hardware works, accompanying sofware needs update. The product is compatible only if used with the latest software update. Please contact the manufacturer.

K Keyboard overlay only works on retrofit keyboard. Because several keys have been moved or reduced in size, keyboard overlays may be partially or totally incompatible.

N Works only in Normal speed. The Control Panel comes set to Fast speed. These programs require the Control Panel to be reset to Normal speed before booting.

P Doesn't print from port. The program prints only with a Super Serial Card. This problem is usually caused by software looking for ACIA (Asynchronous Communications Interface Adapter) which is no longer there.

T Text Page 2 doesn't work. Alternate Display Mode cannot be used with programs which disable interrupts. These will display 2's on the screen where the text Page 2 picture used to be. Users should contact the developer for upgraded versions.

W Doesn't work with the mouse. The location of the mouse in the new Apple IIc's has been moved from the equivalent of slot 4 to the equivalent of slot 7. Programs looking for the mouse in the equivalent of slot 4 won't be able to use the mouse. The manufacturers of these products have been notified.

X Product works as defined in documentation. The program runs without any problem.

Z Product doesn't work. The program has major problems that cause it to be unusable: for example, it won't boot, or can't read files, or can't print.

TREASURER'S REPORT

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ENDING CASH BALANCE 9/30/86	$1821.36
ASSETS 9/30/86	
Cash on Hand	25.00
Cash in Bank	1821.36
Inventory for Resale	865.78
Prepaid Expenses(CSM rent Oct-Dec + Postage account @ $440)	980.00
Accounts Receivable	0.00
Equipment (Replacement Cost)	10,850.00
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Language & Tutor	Computer Lang	401 402 403 404 405 406 407 408 409 410 411
	Computer Tutor	451 452 453 454 455 456 461 462 463 464 465 466 467 468
Music	Music	471 472 473 474 475 476 477 478
Education	Foreign Lang	501 502 503 504
	Math Programs	511 512 513 514 515 516 517 518 519 525 526 527 551 552 553 554 555
	Reading & Lang	541 542 543 544
	Science	561 562 563 564 565 571 572
	Education	581 582 583 584 585 586 587 588 589 590 591 592 593 594
Personal & Home	Home	601 602 621 622 631 632 641 642 643 644 645 646 647
Utilities	Utilities	675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690
Eamon Games	Eamon	700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 763 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799
Games	Games	801 802 803 811 812 813 814 815 816 821 822 823 827 828 829 830 831 832 837 838 839 840 841 847 848 849 850 851 852 853 861 862 863 864 870 871 872 873 874 875 876 877 878 879 880 881 891 892 893 894 895 896 897 898
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Inter. Apple Core	IAC	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 45 46 47 48 53 54 56 57 58 41 45 46 47 48 53 54 56 57 58
Disk of the Month	DOM	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75
Personal Domain	Personal Domain	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Appleworks	Appleworks	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 60 61
Prodos	Prodos	1 2 3 4 5 6 7 8 9 10 11 12 13 14
Pascal	Pascal	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
CP/M	CP/M	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198

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